

## Refine Search

### Search Results -

Terms	Documents
L16 not L14	33

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L17

Refine Search

Recall Text

Clear

Interrupt

### Search History

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## Set Name Query

side by side

## Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L17</u>	L16 not L14	33	<u>L17</u>
<u>L16</u>	L15 and L6	43	<u>L16</u>
<u>L15</u>	707/\$.ccls.	24531	<u>L15</u>
<u>L14</u>	(L13 or L12 or L11 or L10 or L9 or L8 or L7) and L6	20	<u>L14</u>
<u>L13</u>	711/171.ccls.	461	<u>L13</u>
<u>L12</u>	711/170.ccls.	1455	<u>L12</u>
<u>L11</u>	711/163.ccls.	1060	<u>L11</u>
<u>L10</u>	711/162.ccls.	951	<u>L10</u>
<u>L9</u>	711/156.ccls.	733	<u>L9</u>
<u>L8</u>	711/145.ccls.	653	<u>L8</u>
<u>L7</u>	711/112.ccls.	1317	<u>L7</u>
<u>L6</u>	L1 and (file near object)	93	<u>L6</u>
<u>L5</u>	L3 and L1	9	<u>L5</u>
<u>L4</u>	L3 and L2	1	<u>L4</u>

<u>L3</u>	disk same volume same (file near object)	67	<u>L3</u>
<u>L2</u>	"bit size"	5757	<u>L2</u>
<u>L1</u>	size\$1 same ((disk near block) or (disk near volume))	1306	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20020116408 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 1

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116408

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020116408 A1

TITLE: Implementing standards-based file operations in proprietary operating systems

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Green, Paul A. JR.	Harvard	MA	US	
Newman, Otto R.	Groton	MA	US	
Evans, Robert N.	Stow	MA	US	

US-CL-CURRENT: 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L3 and L2	1

Display Format:

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## Refine Search

### Search Results -

Terms	Documents
(transform\$4 or translat\$4 or convert\$) same (file near object) same identifier\$1	41

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L18

Refine Search

Recall Text

Clear

Interrupt

### Search History

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L18</u>	(transform\$4 or translat\$4 or convert\$) same (file near object) same identifier\$1	41	<u>L18</u>
<u>L17</u>	L16 not L14	33	<u>L17</u>
<u>L16</u>	L15 and L6	43	<u>L16</u>
<u>L15</u>	707/\$.ccls.	24531	<u>L15</u>
<u>L14</u>	(L13 or L12 or L11 or L10 or L9 or L8 or L7) and L6	20	<u>L14</u>
<u>L13</u>	711/171.ccls.	461	<u>L13</u>
<u>L12</u>	711/170.ccls.	1455	<u>L12</u>
<u>L11</u>	711/163.ccls.	1060	<u>L11</u>
<u>L10</u>	711/162.ccls.	951	<u>L10</u>
<u>L9</u>	711/156.ccls.	733	<u>L9</u>
<u>L8</u>	711/145.ccls.	653	<u>L8</u>
<u>L7</u>	711/112.ccls.	1317	<u>L7</u>

<u>L6</u>	L1 and (file near object)	93	<u>L6</u>
<u>L5</u>	L3 and L1	9	<u>L5</u>
<u>L4</u>	L3 and L2	1	<u>L4</u>
<u>L3</u>	disk same volume same (file near object)	67	<u>L3</u>
<u>L2</u>	"bit size"	5757	<u>L2</u>
<u>L1</u>	size\$1 same ((disk near block) or (disk near volume))	1306	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L21 and (disk near volume)	17

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
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Search:

L22

Refine Search

Recall Text

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Interrupt

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L22</u>	L21 and (disk near volume)	17	<u>L22</u>
<u>L21</u>	"symbolic link"	468	<u>L21</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L20</u>	L18	13	<u>L20</u>
<i>DB=USOC; PLUR=YES; OP=OR</i>			
<u>L19</u>	L18	1	<u>L19</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L18</u>	(transform\$4 or translat\$4 or convert\$) same (file near object) same identifier\$1	41	<u>L18</u>
<u>L17</u>	L16 not L14	33	<u>L17</u>
<u>L16</u>	L15 and L6	43	<u>L16</u>
<u>L15</u>	707/\$.ccls.	24531	<u>L15</u>
<u>L14</u>	(L13 or L12 or L11 or L10 or L9 or L8 or L7) and L6	20	<u>L14</u>

<u>L13</u>	711/171.ccls.	461	<u>L13</u>
<u>L12</u>	711/170.ccls.	1455	<u>L12</u>
<u>L11</u>	711/163.ccls.	1060	<u>L11</u>
<u>L10</u>	711/162.ccls.	951	<u>L10</u>
<u>L9</u>	711/156.ccls.	733	<u>L9</u>
<u>L8</u>	711/145.ccls.	653	<u>L8</u>
<u>L7</u>	711/112.ccls.	1317	<u>L7</u>
<u>L6</u>	L1 and (file near object)	93	<u>L6</u>
<u>L5</u>	L3 and L1	9	<u>L5</u>
<u>L4</u>	L3 and L2	1	<u>L4</u>
<u>L3</u>	disk same volume same (file near object)	67	<u>L3</u>
<u>L2</u>	"bit size"	5757	<u>L2</u>
<u>L1</u>	size\$1 same ((disk near block) or (disk near volume))	1306	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L25 and L21	17

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
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Search:

L26

Refine Search

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### Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L26</u>	L25 and L21	17	<u>L26</u>
<u>L25</u>	L24 and 11	335	<u>L25</u>
<u>L24</u>	711/\$.CCLS.	23997	<u>L24</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L23</u>	L22	6	<u>L23</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L22</u>	L21 and (disk near volume)	17	<u>L22</u>
<u>L21</u>	"symbolic link"	468	<u>L21</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L20</u>	L18	13	<u>L20</u>
<i>DB=USOC; PLUR=YES; OP=OR</i>			
<u>L19</u>	L18	1	<u>L19</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			

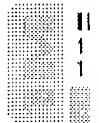


<u>L18</u>	(transform\$4 or translat\$4 or convert\$) same (file near object) same identifier\$1	41	<u>L18</u>
<u>L17</u>	L16 not L14	33	<u>L17</u>
<u>L16</u>	L15 and L6	43	<u>L16</u>
<u>L15</u>	707/\$.ccls.	24531	<u>L15</u>
<u>L14</u>	(L13 or L12 or L11 or L10 or L9 or L8 or L7) and L6	20	<u>L14</u>
<u>L13</u>	711/171.ccls.	461	<u>L13</u>
<u>L12</u>	711/170.ccls.	1455	<u>L12</u>
<u>L11</u>	711/163.ccls.	1060	<u>L11</u>
<u>L10</u>	711/162.ccls.	951	<u>L10</u>
<u>L9</u>	711/156.ccls.	733	<u>L9</u>
<u>L8</u>	711/145.ccls.	653	<u>L8</u>
<u>L7</u>	711/112.ccls.	1317	<u>L7</u>
<u>L6</u>	L1 and (file near object)	93	<u>L6</u>
<u>L5</u>	L3 and L1	9	<u>L5</u>
<u>L4</u>	L3 and L2	1	<u>L4</u>
<u>L3</u>	disk same volume same (file near object)	67	<u>L3</u>
<u>L2</u>	"bit size"	5757	<u>L2</u>
<u>L1</u>	size\$1 same ((disk near block) or (disk near volume))	1306	<u>L1</u>

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☐ Check to search within this result set
**Results Key:**
**JNL** = Journal or Magazine    **CNF** = Conference    **STD** = Standard
**1 Parallel algorithms for executing join on cube-connected multicompu***Penaloza, M.A.; Ozkarahan, E.A.;*

Data Engineering, 1992. Proceedings. Eighth International Conference on , 2-3 Feb. 1992

Pages:20 - 27

[\[Abstract\]](#)   [\[PDF Full-Text \(632 KB\)\]](#)   **IEEE CNF**
**2 Directory reference patterns in hierarchical file systems***Floyd, R.A.; Ellis, C.S.;*

Knowledge and Data Engineering, IEEE Transactions on , Volume: 1 , Issue: 2 , June 1989

Pages:238 - 247

[\[Abstract\]](#)   [\[PDF Full-Text \(1012 KB\)\]](#)   **IEEE JNL**
**3 Intelligent caching for remote file service***Korner, K.;*

Distributed Computing Systems, 1990. Proceedings., 10th International Conference on , 28 May-1 June 1990

Pages:220 - 226

[\[Abstract\]](#)   [\[PDF Full-Text \(600 KB\)\]](#)   **IEEE CNF**
**4 Disk cache performance for distributed systems***Makaroff, D.J.; Eager, D.L.;*

Distributed Computing Systems, 1990. Proceedings., 10th International Conference on , 28 May-1 June 1990

Pages:212 - 219

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) [IEEE CNF](#)

---

**5 Performance analysis of mass storage service alternatives for distrib systems**

*Ramakrishnan, K.K.; Emer, J.S.;*

Software Engineering, IEEE Transactions on , Volume: 15 , Issue: 2 , Feb. 198  
Pages:120 - 133

[\[Abstract\]](#) [\[PDF Full-Text \(1332 KB\)\]](#) [IEEE JNL](#)

---

**6 The effect of client caching on file server workloads**

*Froese, K.W.; Bunt, R.B.;*

System Sciences, 1996., Proceedings of the Twenty-Ninth Hawaii International  
Conference on , , Volume: 1 , 3-6 Jan. 1996  
Pages:150 - 159 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(764 KB\)\]](#) [IEEE CNF](#)

---

**7 Using high speed networks to enable distributed parallel image serv systems**

*Tierney, B.L.; Johnston, W.E.; Herzog, H.; Hoo, G.; Guojun Jin; Lee, J.; Chen, Rotem, D.;*

Supercomputing '94. Proceedings , 14-18 Nov. 1994  
Pages:610 - 619

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) [IEEE CNF](#)

---

**8 Application-specific file prefetching for multimedia programs**

*Mitra, T.; Chuan-Kai Yang; Tzi-Cker Chiueh;*

Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference  
on , Volume: 1 , 30 July-2 Aug. 2000  
Pages:459 - 462 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE CNF](#)

---

**9 Disk management for a hard real-time file system**

*Cheng, R.M.K.; Gillies, D.W.;*

Real-Time Systems, 1996., Proceedings of the Eighth Euromicro Workshop on  
14 June 1996  
Pages:255 - 260

[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) [IEEE CNF](#)

---

**10 Stonehenge: a fault-tolerant real-time network-attached storage de Tzi-cker Chiueh;**

Hot Interconnects 9, 2001. , 22-24 Aug. 2001  
Pages:57 - 61

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE CNF](#)

---

**11 Analysis of reorganization overhead in log-structured file systems**

*Robinson, J.T.; Franaszek, P.A.;*

Data Engineering, 1994. Proceedings. 10th International Conference , 14-18 F

1994  
Pages:102 - 110

[\[Abstract\]](#) [\[PDF Full-Text \(608 KB\)\]](#) [IEEE CNF](#)

---

**12 Strategies to improve I/O cache performance**

*Richardson, K.J.; Flynn, M.J.;*

System Sciences, 1993, Proceeding of the Twenty-Sixth Hawaii International Conference on , Volume: i , 5-8 Jan 1993

Pages:31 - 39 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(711 KB\)\]](#) [IEEE CNF](#)

---

**13 The design of a high-performance file server**

*van Renesse, R.; Tanenbaum, A.S.; Wilschut, A.;*

Distributed Computing Systems, 1989., 9th International Conference on , 5-9 1989

Pages:22 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) [IEEE CNF](#)

---

**14 Improving file system performance by dynamically restructuring disk space**

*McDonald, M.S.; Bunt, R.B.;*

Computers and Communications, 1989. Conference Proceedings., Eighth Annual International Phoenix Conference on , 22-24 March 1989

Pages:264 - 269

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) [IEEE CNF](#)

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